

# SOUTH PRODUCTION NOTES

August 10, 2014

Midnight Shift

BASF EMPLOYEES

42 Last Recordable

405 Last Lost Time

Building 9, 16 and 31 are regulated. Get All Required Samples and Surface Areas

## **#1 MED / AI-5645:**

**Continue to make batches.** Turned the cooling water to the barrel on the extruder – it was turned off – leave it on.

**Midnight shift:**

**Day shift:** Cleaned out (filed) the edge of the extruder coupling that receives the auger stem...then got #15 auger installed. Currently running out the leftover pulva material from early Friday morning. Continue on...

**Afternoon shift:** Continued to run. No issues.

## **#1 RC / AI-5645:**

**Start the feed on midnight shift** after the calciner reaches temperature(kicked out on second shift). Still high NOx product, so be aware of and routinely monitor suction and Trimer status.

**Midnight shift:** Continue to feed.

**Day shift:** Stopped due to no feed. With extruder up again, restart when enough feed on floor (4-5 bags).

**Afternoon shift:** Calciner kicked out. Relit and coming up to temperature. Begin feeding on midnight shift when temperatures are good and a walk through is performed.

**Exhaust to Trimer**

## **#2 MED line/ Cu-0860:**

**We are to begin mixing batches on midnight shift after we replace the auger.**

**When we re-start the line we will still need to continue to check every batch before dropping per J. Bodmann. DC #2 work (blow downs) completed.**

**Midnight shift:**

**Day Shift:** Re-installing auger after maintenance pressed out. When ready, Bodmann instructions are to run 4 batches (start this afternoon if possible).

**Afternoon Shift:** Tried to get the wiper blade and screw out of the auger but could not. May need to try another auger. We are supposed to start extruding on midnight shift and only do four batches and feed them to the calciner with the same sampling instructions as we have been recently using.

### **#2 RC/ Cu-0860:**

**Continue to feed and see Bodmann's e-mailed sample instructions.**

Hold onto and do not feed bags roped off until advised.

Midnight Shift:

Day Shift: When extruder restarts later today, begin feeding again and start with the bag next to the feed hopper. Sample as we have been the past few days (2 hr sample, regular bag sample, once-per-shift from top of screener).

Afternoon shift: No change.

**Exhaust to F1**

### **#3 MED / D-0702:**

**Stop mixing.** The last wet mix batch is being run late on second shift.

Midnight Shift:

Day shift: 5 batches were completed, then after discussing with John Bodmann he advised to run the batch already pulled up in weigh hopper and suck up one final batch to empty the Catapal B hopper in the powder room. Next, run out the remaining wet mix on third floor. That will be it. Line #3 in powder room hoppers will need to be emptied for OCS scale calibration by Monday morning.

Afternoon Shift: Last batches being finished up. The last one is a wet mix batch.

### **#3 RC / D-0702:**

**Continue to feed.** After verification with engineer, we should not run directly from the dryer to calciner with the exception of when we are changing bags.

Midnight shift:

Day shift: Continue...feeding hand-to-mouth.

Afternoon Shift: Continued to feed.

**Exhaust to CTO-is in Automatic**

### **#5 RC / Cu-0539 next:**

**Started to feed on second shift.** Discharge pipes are clogged and being worked on late in the shift.

Midnight Shift:

Day shift: Advised John Bodmann that although calciner barrel has powder coating, no large accumulations were detected. He advised to set up for 0539 (see MOD) and get started when ready.

Afternoon shift: Started to feed on second shift. Discharge pipes are clogged and being worked on late in the shift.

**Exhaust to 5A DC**



**New Pfaudler / Cr-5655 SNAP done, D-1145 SNAP next:**

**Down until we get the chrome pump replaced.** Informed by Seve N. we will not be getting a pump until early next week at best. There is only enough AL 5655 left for two more batches when we restart. Watch the level on the chromic acid tank. We should not have to shut down the pfaudler to make a tank. It can be made on the same shift that we run the pfaudler. Should make 2 Batches per Shift.

Midnight shift: On hold.

Day shift: On hold (see below)

Afternoon Shift: Informed by Seve N. we will not be getting a pump until early next week at best.

**National Dryer / Cr 5655 done, Cr-1145 next:**

**Continue feeding** as material is available. **Target = 700 lbs. per hour.**

Midnight Shift: No activity.

Day shift: No activity

Afternoon Shift: No clean up needed on the dryer.

**#4 RC / Cr 5655:**

**Continue to run** and watch that the bags being used do not cone up at the end.

Midnight Shift: Continued on.

Day shift: Continue

Afternoon Shift:

**Exhaust to 4A DC**

**#6 RC / D 5202**

**Continue to feed and make sure we get people scheduled to repack the buggies.** Watch dryer and calciner feed rate.

Midnight shift:

Day Shift: Continue

Afternoon shift: Continued to feed.

**Exhaust to Sly Scrubber**

**Old Pfaudler / Clean for D-1795 (CEHW was cancelled):**

**Continue with the clean up plans.**

Midnight Shift:

Day Shift: No change. D-1795 not scheduled for several weeks.

Afternoon Shift: No change.

### **Tower 3 / Cu-1986:**

**Continue On.**

**Midnight Shift:**

**Day shift: Continue. Probably another 1.5 days before coming down.**

**Afternoon shift: Another 16-20 hours.**

### **Tower 6 / Cu-1986:**

**Continue on**

**Midnight Shift:**

**Day shift: Continue**

**Afternoon shift: Continued.**

### **North Screener / Cu 0860:**

**Continue On. Currently using an adjustable clamp with a quick disconnect instead of the bungee cord to hold the liner around the discharge chute. So far is working very well.**



**Midnight shift:**

**Day shift: Continue**

**Afternoon Shift: Continued.**

### **South Screener / E-474:**

**Continue On.**

**Midnight shift:**

**Day shift: Continue**

**Afternoon Shift: Continued.**

**#2662 (west) Pill Machine / Zr-0403 1/8:**

**Continue running.** Allen head cone disc was looked at by maintenance and is now operable...enough. A work notification was written to check the DC – 934337722.

**Midnight shift:**

**Day Shift:** Rear table rebuilt, waiting for silicone to dry, then should be able to restart later on afternoon shift.

**Afternoon shift:** Running. Fighting with powder flow issues.

**#2664 (east) Pill Machine / Zr-0403 1/8:**

**Continue running.** DC back together, pill machine in place. West machine was tested and looked / sounded good. Bag #6 was handpicked and was completed.

**Midnight shift:**

**Day Shift:** Continue

**Afternoon shift:** Running.

**TK #2 / V 2046 blends:**

**Continue with blends.**

**Midnight shift:**

**Day Shift:** Continue

**Afternoon shift:** Continued.

**PK Blender / Pill Mix:**

**On hold until we get more sterotex.**

**Midnight Shift:** No activity.

**Day shift:** No change.

**Afternoon shift:** No change.

**Abbe Blender:**

**HOLD. Waiting on next run.**

**Midnight shift:** Hold.

**Day shift:**

**Afternoon Shift:**



### **Building 27 Belt Filter / Cu-5020 Trials next week:**

On hold.

**Midnight shift:**

**Day shift:** All tanks rinsed except 2 tank...will transfer that material and flush tank Monday morning per Noemi's emailed instructions. Remaining 107 tank flush will be transferred to WWTP on Sunday. No other activity needed on afternoon or midnight shift.

**Afternoon Shift:** No change.

### **Miscellaneous:**

1. Work notification has been written to repair the handles on the doors of all of the mixers. Most of the doors have broken eyelets. We cannot hook the chains and then can't hold the doors up while inspecting the mixes. (UPDATE: #2 mixer door handles repaired. Will schedule #1 and #3 when they become available).
2. Work notification has been written to fix the horn on the alumina gel forklift and the smoking on the 474 forklift at the towers.

### **Sampling requirements when we restart on MED #2:**

**Mixer:** MUST be checked before dropping - then get a sample of the wet mix and seal it up so it stays wet – all batches please.

**Dryer:** Every batch off the dryer must be sampled.

**Calciner:** Run empty before feeding this material, then using the same temp setpoints as before start calcining it. Get a SA on the material off the calciner about 20 minutes after it first exits the calciner. Adjust the temps to get SA in spec or call Bodmann for advice. SAMPLE off the calciner BEFORE spiral once per hour. Sample off the BAG if possible as well (or at least every bag change).